HP Pavilion dv4-1220us Entertainment Notebook PC

THE HP DIFFERENCE*

- Get extra protection from data loss with HP ProtectSmart Hard Drive Protection.
- Project lustrous sophistication with HP Intersect Imprint finish in bronze.
- Lose up to half a pound with the included weight saver and the HP SmartBay.
- Create personalized, silkscreen-quality DVD and CD labels with LightScribe.[16a]
- Chat face-to-face or capture video clips using the HP Webcam[15] and integrated microphone.
- Enjoy the ultimate audio entertainment experience with SRS Premium Sound.

HP recommends Windows Vista® Home Premium.

THE COMPUTER IS PERSONAL AGAIN.

KEY SPECS

- AMD Turion™ X2 RM-72 Dual-Core Mobile Processor [3a] [4b]
- Genuine Windows Vista® Home Premium 64-bit with Service Pack 1 [1][20a]
- 14.1" Diagonal WXGA High-Definition [8] HP BrightView Widescreen Display (1280 x 800)
- ATI Radeon™ HD 3200 Graphics RS780M with up to 1918MB total graphics memory[6]
- 4096MB DDR2 System Memory (2 Dimm)
- 250GB (5400RPM) Hard Drive (SATA) [7]
- LightScribe SuperMulti 8X DVD±R/RW with Double Layer Support [6d] [16a] [16d]
- Wireless LAN 802.11a/b/g/n WLAN[10a]

UNSURPASSED STYLE

Expanding on the sophisticated elegance of the current line, the new dv series is defined by fluid, modern lines and metalized finishes with surprising innovations inside and out. The dv4 series Intersect Imprint features an argyle-like pattern for subtle contrast to the liquid appearance of the metallic finish. And touch media controls light up and become visible only when the system is powered on further enhancing the clean appearance. HP's mobile products have won coveted International Red Dot, iF and CES Innovation design awards and been recognized by other leading design institutions.

MOBILE ENTERTAINMENT

Providing more choices than ever, HP MediaSmart enables access to DVDs, videos, photos, music, games[25], Internet[15] TV, and streamed or recorded TV (with an optional TV Tuner [24]) at the touch of a button. Built-in demos show you how to add music to your slide shows or videos with drag-and-drop functionality – and much more. An HDMI port enables you to watch films on an HD TV. Muvee Reveal makes creating films complete with effects and transitions a snap! Extras include dual headphone jacks and an HP Mobile Remote Control. It's time to play!

WORLD-CLASS SUPPORT

- One-year limited hardware and software warranty with 24/7 phone support
- Toll-free phone support during warranty @ 1.800.HPINVENT (1.800.474.6836) in the U.S. and Canada; online support for the life of the product by clicking on the "?" icon
- Easy-to-use dashboard for system diagnostics and updates with preinstalled HP Advisor

DESIGNED FOR YOUR LIFE

For those who want digital entertainment features and the latest mobile technologies in a stunning design that travels well, the HP Pavilion dv4 series Entertainment Notebook PC delivers! Its elegant Intersect Imprint finish helps protect your system while on the go.

HP Pavilion notebook PCs help you work faster, connect in new ways and play more.

- **Connect with the HP Webcam.** Turn your next instant message into a live video chat with the integrated webcam, omni directional microphone and an IM solution. Optimized for low-light environments, it's great for capturing short videos to share on your favorite social networking site. Personalize your videos with included YouCam software from Cyberlink.[15]
- **Enhanced security with hard drive protection.** HP ProtectSmart Hard Drive Protection locks your hard drive into place when it senses abrupt motion to help prevent data loss. The built-in eSATA/USB Combo port enables fast backup to an external hard drive.
- **Personalized disc labels with LightScribe.** Create custom laser-etched disc labels right in the drive with LightScribe and preinstalled Cyberlink DVD Suite. Just burn data on the disc, flip it over and burn the cover image using any scanned image and/or text. Visit the LightScribe Web site for more information.[16a]
- **Photo-ready with 5-in-1 media card reader.** Transfer photos from your digital camera in seconds.
- **Full-memory access.** Windows® Vista®[1] 64-bit operating systems are able to fully access system memory to support 3D games and complex applications.

ecoHIGHLIGHTS

- Recyclable box for less waste
- Exclusive use of EPA SmartWay carriers for reduced transportation-related emissions
- Replaceable battery for longer-life span
- Free and responsible recycling for your old computer hardware**

Please recycle your computer hardware and printing supplies. HP recycling services make responsible disposal easy. Visit www.hp.com/go/ecohighlights for more information. ** Shipping charges apply.

* All disclaimers shown on the bottom of page 2.

HP Pavilion dv4-1220us Entertainment Notebook PC

HP recommends Windows Vista® Home Premium.

SPECIFICATIONS

OPERATING SYSTEM	• Genuine Windows Vista® Home Premium 64-bit with Service Pack 1 [1][20a]
PROCESSOR	• AMD Turion™ X2 RM-72 Dual-Core Mobile Processor [3a] [4b]
PROCESSOR SPEED	• 2.10 GHz[4]
PROCESSOR CACHE	• 1MB L2 Cache
BUS SPEED	• Up to 4000 MT/s system bus running at AC/DC mode 35 watt
MEMORY	• 4096MB DDR2 System Memory (2 Dimm) • Max supported =8192MB
ACCESSIBLE MEMORY SLOTS	• 2
VIDEO GRAPHICS	• ATI Radeon™ HD 3200 Graphics RS780M with up to 1918MB total graphics memory[6]
HARD DRIVE	• 250GB (5400RPM) Hard Drive (SATA) [7]
FINISH AND FEATURES	• HP Intersect Imprint finish & HP Webcam with integrated microphone[15]
MULTIMEDIA DRIVE	• LightScribe SuperMulti 8X DVD±R/RW with Double Layer Support [6d] [16a] [16d]
DISPLAY	• 14.1" Diagonal WXGA High-Definition [8] HP BrightView Widescreen Display (1280 x 800)
NETWORK CARD	• Integrated 10/100BASE-T Ethernet LAN (RJ-45 connector) [9]
WIRELESS OPTION	• Wireless LAN 802.11a/b/g/n WLAN[10a]
DIGITAL MEDIA	• 5-in-1 integrated Digital Media Reader for Secure Digital cards, MultiMedia cards, Memory Stick, Memory Stick Pro, or xD Picture cards[17a]
FAX/MODEM	• High speed 56k modem [11]
AUDIO	• SRS Premium Sound
KEYBOARD	• 101-key compatible & 1 Quick Launch Button
POINTING DEVICE	• Touch Pad with On/Off button and dedicated vertical scroll Up/Down pad
PC CARD SLOTS	• 1 ExpressCard/54 Slot (also supports ExpressCard/34)
EXTERNAL NOTEBOOK PORTS	• 3 Universal Serial Bus (USB) 2.0, 3rd port shared with eSATA • 2 Headphone out • 1 microphone-in • HDMI • 1 VGA (15-pin) • eSATA + USB 2.0 • 1 RJ-11 (modem) • 1 RJ -45 (LAN) • 1 notebook expansion port 3 • 1 Consumer IR (Remote Receiver)
DIMENSIONS	• **Unpackaged:** 13.15 in (L) x 9.45 in (D) x 1.34 in (min H) / 1.57 in (max H) • **Packaged:** 17.9"(W) x 4.3"(D) x13.6"(H)
WEIGHT	• **Unpackaged:** 5.10lbs[12] • **Packaged:** 8.7 lbs
WHAT'S IN THE BOX	• HP Mobile Remote Control
SECURITY	• Kensington® MicroSaver lock slot • Power-on password • Accepts 3rd party security lock devices
POWER	• 65W AC Adapter • 6-Cell Lithium-Ion battery
OPTIONAL ACCESSORIES	• HP xb4 Media Docking Station- FL485AA#ABA • HP 90W AC Adapter- KG298AA#ABA • HP 12-Cell Multi-Charge Extended Battery - KS526AA • HP 6-Cell Battery - KS524AA
WARRANTY AND SUPPORT	• 1-Year Limited Hardware Warranty Toll Free Support (NA) • 1-Year Free Hardware Technical Support • 30-Days Free Limited Software Support (1 Year* Free Limited Software Support with Product Registration) *from date of purchase

SOFTWARE

SECURITY AND SUPPORT	• ProtectSmart Hard Drive Protection • Symantec® Norton Internet Security 2009 (including 60 days complimentary live update) [15] • HP Help & Support Center • HP Recovery Manager • HP Home Network Center • HP Total Care Advisor
PRODUCTIVITY AND FINANCE	• Microsoft ® Works • Microsoft® Office 2007 Home and Student Edition: 60 Day Trial Version [19]
MULTIMEDIA	• HP MediaSmart • Muvee Reveal • Cyberlink DVD Suite • Adobe® Acrobat Reader • HP Games Powered by Wild Tangent
INTERNET SOLUTIONS	• HP Total Care Set Up [13] • Microsoft® Internet Explorer

ADDITIONAL INFORMATION

PRODUCT NUMBER	• NB199UA#ABA
AD EMBARGO DATE	• 1/4/2009
UPC CODE	• 884420704980
COUNTRY OF ORIGIN	• CHINA
TARIFF NUMBER	• 8471300000
PALLET INFORMATION	• **Dimensions:** 47.2"(L) x 39.4"(W) x 46"(H/D) approx. • **Total weight:** 608.2 LBS • **Layers:** 3 • **Products per layer:** 22

VISIT WWW.HP.COM FOR MORE DETAILS!

[1] Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.

[3a] AMD's numbering is not a measurement of higher performance. AMD's numbering is not a measurement of clock speed.[4] GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance.[4b] Dual Core is designed to improve performance of certain software products.Not all customers or software applications will necessarily benefit from use of this technology.[6] Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs. Note: this disclaimer affects system memory and graphics.

[6d] Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media[7] 1 GB = 1 billion bytes. Actual formatted capacity is less. Up to 12GB of system disk is reserved for system recovery software.[8] High-Definition content is required to view high-definition images. [9] Actual speeds may vary. [10a] The specifications for the 802.11n WLAN are draft specifications and are not final. This may affect the ability of the PC to communicate with other 802.11n WLAN devices[11] Maximum achievable download speeds are currently unknown, may not reach 56Kbps and will vary with line conditions. Upload speeds are less and also will vary.[12] Weight will vary by configuration.[13] Internet access requires payment of additional fees or subscription for use. Special Offers do not include local telephone company charges, if any, or applicable taxes. Any long distance charges incurred will be the responsibility of the customer. [15] Internet access required and sold separately. [16a] Actual speeds may vary. Don't copy copyright-protected materials. Double Layer is a new technology. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. LightScribe creastes a monochrome image. LightScribe media required and sold separately.[16d] LightScribe creastes a monochrome image. LightScribe media required and sold separately.[17a] Digital Media Slot supports MS, MSP, MMC, SD, XD formats. To avoid damaging the card or computer do not insert any type of adapter, or mini format memory card, into the Digital Media Slot. Mini/Reduced flash memory cards require separately purchased adapter.[19] The Microsoft® Office Student and Teacher Edition 2008 is a trial version; functionality is reduced after 60 days. The full version is sold separately. [20a] Up to 12GB of the hard drive is reserved for the system recovery software.

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